

CLAIMS

1. A ballistic resistant armour comprising a laminated plate, wherein a stack of laminae is bound by an elastomer and wherein each lamina comprises:
 - 5 • a polyaramid fabric;
 - an elastomer impregnated in said fabric, andwherein said elastomer forms a continuum throughout said stack of laminae.
- 10 2. A ballistic resistant armour as in claim 1 and wherein to one face of said laminated plate are attached ceramic tiles embedded in said elastomer.
- 15 3. A method for producing ballistic resistant armour using polyaramid fabric plates, comprising the steps of:
 - preparing prepgs by impregnating a plurality of said fabric plates with a liquefied form of an elastomer monomer;
 - drying said prepgs
 - 20 • trimming said prepgs;
 - forming a stack of said prepgs, and
 - curing said stack;

4. A method for producing ballistic resistant armour as in claim 3
and wherein said curing comprises heating and pressing said
stack.

5 5. A method for producing ballistic resistant armour as in claim 3
and wherein vulcanization is applied in said curing step.

10 6. A method for controlling the delamination tendency of a
laminated armour plate impregnated with an elastomer, by
changing the amount of elastomer impregnated in said
laminated armour plate.

15 7. A method for fixing ceramic tiles to a laminated ballistic armour
plate, wherein said tiles are embedded in a face of a continuum
of an elastomer spanning said armour plate.